

Automotive Engineering

1. Testing Facilities (Components)



Hot Gas Test Rig

Test stand for life and function testing of novel thermo-sensors

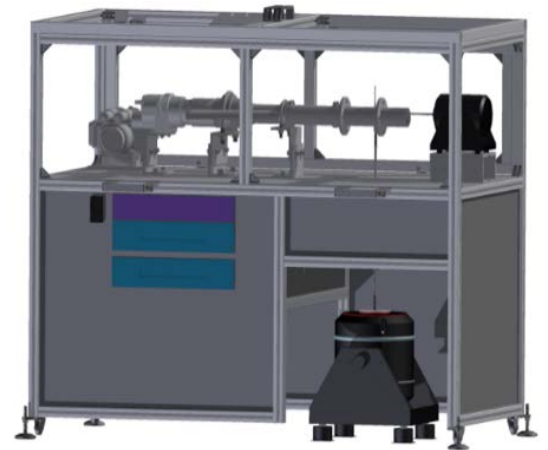
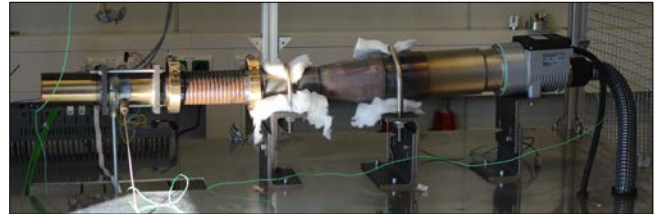
- L x W x H: 1800 x 1000 x 1600

Air heaters

- Rated power 15 kW
- Maximum temperature approx. 900 °C
- Air flow approx. 1000 l / min

Vibration Test Systems TV52165 / TV51110

- Radial and axial loading of the thermo-sensors
- Frequency range 2-7000 Hz



Climate Test Chamber

FEUTRON 3636/17

Climatic examination of components

Specifications:

- Chamber volume 600l
- (770x1020x745) mm
- Sample weight 3x30 kg
- Temperature range (-75 ... 180) °C
- Humidity range (10 ... 95)%
- Change speed $\pm 5K$

